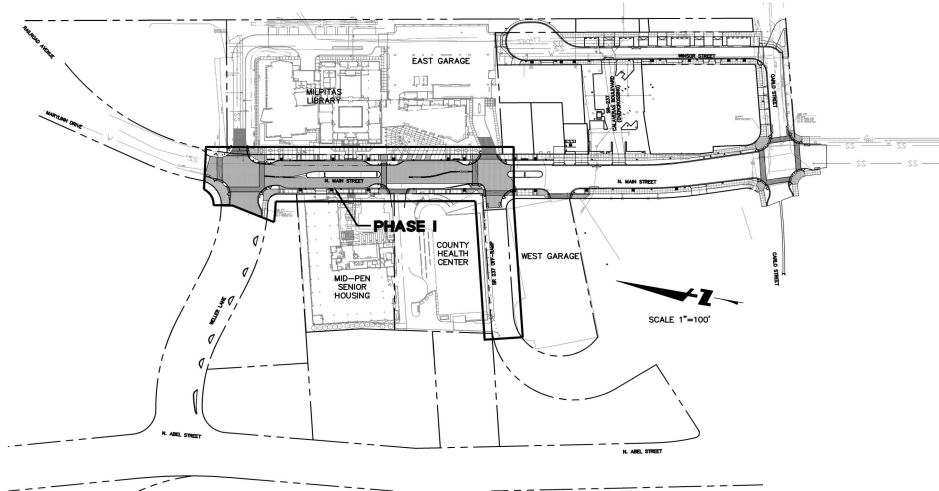


CITY OF MILPITAS
MIDTOWN NORTH MAIN STREET STREETSCAPE IMPROVEMENT PROJECT
PHASE ONE - IMPROVEMENT PLANS
PROJECT NO. 8165 - DECEMBER 2006

ABBREVIATIONS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
AB	AGGREGATE BASE	P.S.D.E.	PRIVATE STORM DRAIN EASEMENT
AC	ASPHALT CONCRETE	P.S.E.	PUBLIC SERVICES EASEMENT
AD	AREA DRAIN	PT	POINT
AGG	AGGREGATE	P.U.E.	PUBLIC UTILITY EASEMENT
APPROX	APPROXIMATE	PVC	POLYVINYL CHLORIDE
BC	BEGINNING OF CURVE	PVI	POINT OF VERTICAL CURVE
BCR	BEGIN CURB RETURN	R	RADIUS
BLDG	BUILDING	RCP	REINFORCED CONCRETE PIPE
BM	BENCH MARK	RENF	REINFORCEMENT
BMF	BEST MANAGEMENT PRACTICE	RM EL	RIGHT ELEVATION
BOV	BLOWOFF VALVE	RT	RIGHT
BOW	BOTTOM OF WALK	RWL	RAINWATER LEADER
BVC	BEGIN VERTICAL CURVE	R/W	RIGHT OF WAY
BW	BACK OF WALL	SL	SLOPE
CB	CATCH BASIN	S	SOUTH
CBS	CUL-DE-SAC	SS	STORM DRAIN
CAG	CURB & GUTTER	S.D.E.	STORM DRAIN EASEMENT
CL	CENTERLINE	SSMH	STORM DRAIN MANHOLE
CL	CORRUGATED METAL PIPE	SHT.	SHEET
CLC	CLEANOUT	SO	SOUTH
CONC	CONCRETE	SP	SPECIFICATIONS
CONST	CONSTRUCTION	SS	SANITARY SEWER
CR	CURB RETURN	SSD	SANITARY SEWER CLEANOUT
CVC	CENTER OF VERTICAL CURVE	ST	SANITARY SEWER MANHOLE
DEFL	DEFLECTION	STA	STATION
DIP	DUCTILE IRON PIPE	STD	STANDARD
DIA	DIAMETER	SW	SIDEWALK
DW	DOMESTIC WATER	T	TOP
D/W	DRIVEWAY	T OR TELE	TOP AND BOTTOM TELEPHONE
DWG	DRAWING	TAB	TOP OF CURB
EC	ELECTRICAL BOX	TEMP	TEMPORARY
EL	ELEVATION	TO	TOP OF WALL
ELECT	ELECTRICAL	TOW	TOP OF WALK
ES	EDGE OF SHOULDER	TSB	TRAFFIC SIGNAL BOX
EP	EDGE OF PAVEMENT	VC	VERTICAL CURVE
EV	END VERTICAL CURVE	VERT.	VERTICAL
EW	EACHWAY	W	WEST
EXIST	EXISTING	W	WITH
(F)	FUTURE	WL	WATERLINE
FCC	FIRE DEPT. CONNECTION	WM	WATER METER
F/C	FACE OF CURB	WT	WEIGHT
F/F	FINISHED FLOOR ELEVATION	WY	WATER VALVE
FG	FINISHED GRADE	1/2 PT	HALF POINT OF CURB RETURN AT FCC
FH	FIRE HYDRANT		
FL	FLOW LINE AT CURB AND GUTTER		
F/L	FIRE LINE		
FS	FIRE SERVICE		
FM	FORCE MAIN		
FP	FINISHED PAVEMENT		
FT	FEET		
G	GAS		
GB	GRADE BREAK		
GM	GAS METER		
HP	HIGH POINT		
HV	HIGH VOLTAGE		
INVERT	INVERT		
IRR	IRRIGATION		
JT	JOINT TRENCH		
LAT	LATERAL		
LG	LANDSCAPE		
LS	LINEAR FEET		
LP	LOW POINT		
LT	LEFT		
MAX	MAXIMUM		
MI	MINIMUM		
MON	MONUMENT		
MVC	MIDPOINT OF VERTICAL CURB		
N	NORTH		
(N)	NUMBER		
NO.	NOT TO SCALE		
N/S	NOT TO SCALE		
OD	ORIGINAL GROUND		
P.A.E.	PUBLIC ACCESS EASEMENT		
PCC	POINT OF COMPOUND CURVE		
PDBE	PORTLAND CEMENT CONCRETE		
PIV	PACIFIC GAS AND ELECTRIC		
PIV	POST INDICATOR VALVE		
PCC	PROPERTY LINE		
POT	POINT OF CONNECTION		
POT	POINT OF TANGENT		
PRC	POINT OF REVERSE CURVE		
PROP	PROPOSED		



GENERAL NOTES:

- ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE PLANS AND THE PROJECT SPECIFICATIONS.
- VERIFICATION OF EXISTING CONDITIONS: CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, ELEVATIONS, DIMENSIONS AND CONSTRUCTION IN THE FIELD PRIOR TO BID. IF ANY DISCREPANCIES ARE NOTED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY FOR DIRECTION.
- UNDERGROUND SERVICE ALERT: A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT AT 800-227-2600 FOR EXISTING UTILITY LOCATIONS.
- UNDERGROUND FACILITIES: THE LOCATION OF EXISTING UNDERGROUND UTILITY FACILITIES, IF SHOWN ON THE PLANS, ARE APPROXIMATE ONLY. CONTRACTOR SHALL CONTACT THE RESPECTIVE UTILITY COMPANY TO OBTAIN INFORMATION REGARDING THE DEPTH OF BURIAL AND HORIZONTAL LOCATION OF UTILITY LINES AS NECESSARY FIELD VERIFY OBTAINED INFORMATION, AND NOTIFY ENGINEER OF ANY CONFLICTS OR OMISSIONS. IF A UTILITY THAT IS IDENTIFIED ON THESE PLANS IS NOT MARKED BY THE RESPECTIVE OWNER, THEN IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HIRE A LOCATING COMPANY TO DETERMINE IF THE UTILITY EXISTS AND WHERE IT IS LOCATED.
- TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND THE REQUIREMENTS OF THE APPROPRIATE CALTRANS TRAFFIC SAFETY STANDARDS. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGGERS AND OTHER DEVICES TO PROVIDE FOR SAFE PASSAGE OF PUBLIC VEHICULAR AND PEDESTRIAN TRAFFIC.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY SAFETY DEVICES IN ACCORDANCE WITH CURRENT CALTRANS TRAFFIC CONTROL STANDARDS INCLUDING, BUT NOT LIMITED TO, LIGHTS, SIGNS, BARRICADES, AND FLAGGERS.
- CONTRACTOR SHALL KEEP EXISTING STREETS FREE FROM DIRT AND DEBRIS DURING ALL PHASES OF CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE DUST CONTROL AT ALL TIMES. PRIOR TO OBTAINING WATER FROM FIRE HYDRANTS, CONTRACTOR SHALL OBTAIN A HYDRANT METER FROM THE CITY, AND PAY ALL ASSOCIATED FEES.
- AN EROSION CONTROL AND SEDIMENTATION CONTROL PLAN MUST BE IN PLACE PRIOR TO THE START OF WORK, AND MUST HAVE AN EROSION AND SEDIMENTATION CONTROL PROGRAM APPROVED AND IMPLEMENTED PRIOR TO THE START OF ON-SITE EARTHWORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION AND MAINTENANCE OF THE EROSION CONTROL PLAN. EARTHWORK THAT IS NECESSARY TO INSTALL EROSION AND SEDIMENTATION CONTROL FACILITIES, SUCH AS DRAINAGE DITCHES AND SEDIMENTATION BASINS, MAY PROCEED CONCURRENT WITH THE INSTALLATION OF THE CONTROL FACILITIES.
- ALL EXISTING UTILITY FACILITIES WITHIN THE PROJECT SHOWN ON THE PLANS ARE TO BE ADJUSTED TO GRADE BY THE CONTRACTOR. UTILITY COMPANIES, HOWEVER, RESERVE THE RIGHTS TO ADJUST THEIR FACILITIES TO GRADE USING THEIR OWN FORCES AFTER THE CONTRACT IS AWARDED.

- UTILITY REPAIR: CONTRACTOR SHALL REPAIR ANY DAMAGE OR INTERRUPTION OF UTILITIES, WATER LINES OR IRRIGATION SYSTEMS IMMEDIATELY.
- TOILET FACILITIES: CONTRACTOR SHALL PROVIDE PORTABLE SANITARY FACILITIES ADEQUATE FOR ALL WORKERS. THE TYPE OF TOILETS USED, THEIR LOCATIONS AND MAINTENANCE SHALL BE IN COMPLIANCE WITH CAL/OSHA. HAND WASHING FACILITIES SHALL BE PROVIDED NEARBY THE TOILET FACILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR MATCHING EXISTING STREETS, SURROUNDING LANDSCAPE AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION IN PAVING AND GRADING, ETC., AND IS TO AVOID ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPES, LOW SPOTS OR HAZARDOUS CONDITIONS.
- CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE STATE CONSTRUCTION SAFETY ORDERS AND CAL/OSHA.
- WHEN HAULING ANY EARTH, SAND, GRAVEL, STONE, DEBRIS, PAPER, OR ANY OTHER SUBSTANCE OVER ANY PUBLIC STREET, ALLEY OR PUBLIC PLACE, THE CONTRACTOR SHALL NOT ALLOW MATERIAL TO BLOW OR SPILL OVER AND UPON SAID PUBLIC ADJACENT OR PRIVATE PROPERTY.
- GRADING OR ANY OTHER OPERATION THAT CREATES DUST SHALL BE STOPPED IMMEDIATELY IF DUST AFFECTS ADJACENT PROPERTIES. SUFFICIENT WATERING TO CONTROL DUST IS REQUIRED AT ALL TIMES AND A DUST PALLIATIVE MAY BE REQUIRED BY THE CITY ENGINEER. MUD TRACKED ONTO STREETS OR ADJACENT PROPERTIES SHALL BE REMOVED IMMEDIATELY BY THE CONTRACTOR. STREETS SHALL BE SWEEP AS REQUIRED BY THE PROJECT SPECIFICATIONS.
- ALL TRENCH BACKFILL SHALL BE COMPACTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- ALL EXISTING IRRIGATION, LANDSCAPE MATERIALS, PAVEMENT DELINEATION, CURB AND GUTTER AND OTHER IMPROVEMENTS, THAT ARE NOT TO BE REMOVED BUT ARE DAMAGED DURING CONSTRUCTION, SHALL BE REPLACED OR RESTORED TO EXISTING CONDITION AT NO ADDITIONAL EXPENSE TO THE CITY.
- TOPOGRAPHIC DATA BY AERO-GEODETIC CORPORATION FLOWN ON OCTOBER 29, 2003.
- BEFORE START OF WORK, CONTRACTOR SHALL SUBMIT A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) TO CONTROL WATER POLLUTION DURING CONSTRUCTION OF THE PROJECT.
- CONTRACTOR TO ENSURE ACCESS IS MAINTAINED TO ALL PRIVATE PROPERTY DURING CONSTRUCTION.

SHEET INDEX

DWG. NO.	DESCRIPTION
C-0.01	COVER SHEET & GENERAL CIVIL NOTES
C-0.02	KEY MAP AND LEGEND
C-1.01	DEMOLITION PLAN - N. MAIN ST.
C-2.01	PLAN AND PROFILE SHEET N. MAIN ST. - 9+31.14 TO 15+50
C-3.01	UTILITY PLAN AND PROFILE SHEET N. MAIN ST. - 9+31.14 TO 15+50
C-4.01 THRU C-4.04	CIVIL DETAILS
C-5.01	EROSION CONTROL PLAN - N. MAIN ST.
C-5.02	EROSION CONTROL DETAILS
C-6.01	SIGNING AND STRIPING PLAN N. MAIN ST 2+50 TO 15+50
C-7.00	TRAFFIC SIGNAL TITLE SHEET/NOTES AND DETAILS
C-7.01	TRAFFIC SIGNAL PLAN N. MAIN ST. AND KELLER LANE
C-7.02	EQUIPMENT AND CONDUCTOR SCHEDULE TRAFFIC SIGNAL PLAN N. MAIN ST. AND KELLER LANE
C-7.03	TRAFFIC SIGNAL PLAN N. MAIN ST. AND WB CALAVERAS BLVD OFF RAMP
C-7.04	EQUIPMENT AND CONDUCTOR SCHEDULE TRAFFIC SIGNAL PLAN N. MAIN ST. AND WB CALAVERAS BLVD OFF RAMP
C-7.05	TRAFFIC SIGNAL PLAN N. MAIN ST. MID-BLOCK CROSSWALK
C-8.01	CONSTRUCTION STAGING PLAN N. MAIN ST.
C-8.02	CONSTRUCTION STAGING PLAN N. MAIN ST.
LANDSCAPING	
L-1.1	LANDSCAPE LAYOUT PLAN
L-2.1	LANDSCAPE PLANTING PLAN
L-3.1	LANDSCAPE IRRIGATION PLAN
L-3.2	IRRIGATION NOTES AND LEGEND
L-3.3	IRRIGATION DETAILS
L-4.1 THRU L-4.2	LANDSCAPE CONSTRUCTION DETAILS
STREET LIGHTING	
E-1.01	STREET LIGHTING PLAN - N. MAIN ST.
E-2.01 THRU E-2.03	STREET LIGHTING DETAILS

Bkf
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(408) 467-9100
(408) 467-9199 (FAX)



Record Drawings		Submittal Log		Revisions	
Project Engineer	Date	Num.	Description	Num.	Description
Design	Date	1	30% CD SUBMITTAL 10/17/06		
Public Works Inspector	Date	2	65% CD SUBMITTAL 2/08/06		
Public Improvements Initially Accepted by the City Council on		3	65% CD SUBMITTAL 5/12/06		
		4	100% CD SUBMITTAL 8/22/06		
		5	BID SET SUBMITTAL 12/29/06		
		Drawn By: MOW			
		Checked By: MMS			
		Designed By: MMS			

CITY OF MILPITAS ENGINEERING DIVISION MIDTOWN NORTH MAIN STREET IMPROVEMENTS COVER SHEET & GENERAL CIVIL NOTES		PROJECT NO. 8165 BKF JOB NO. 200506022-10 E.P. NO.
RECOMMENDED FOR BIDDING BY: _____	DATE: _____	SCALE: AS SHOWN
APPROVED FOR BIDDING BY: _____	DATE: _____	C-0.01

